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This *Journal*, founded by the Medical Society for the Study of the Venereal Diseases, publishes original work on the investigation and treatment of genitourinary and allied disorders, and review articles, correspondence, and abstracts.

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Apparent increase in the prevalence of herpes simplex virus type 1 genital infections among women

We read with interest the recent correspondence by Wilson *et al*¹ observing an apparent increase in the prevalence of herpes simplex virus (HSV) type 1 infection among women attending a genitourinary medicine (GUM) clinic in Oxford.

The high proportion of type 1 isolates in genital herpes in Sheffield has been a consistent finding since it was first reported in 1982.² We have also noted a difference between the general practitioner (GP) referred and self referred groups in the viral isolates from first episode genital herpes.³ Among the 128 women who attended with first episode HSV infection between January 1989 and January 1991, 79 patients (61.7%) had already visited their GP with their current complaint prior to the GUM attendance. Of these, 44 patients (55.7%) had type 1 isolates as compared with only 17 (34.7%) of the 49 self referred patients. The ratio of self referred:GP referred patients in terms of the type of HSV isolated was 1:2.6 for type 1 and 1:1 for type 2; the difference between the two groups is significant ($\chi^2 = 5.34$, $p < 0.01$). The two groups were similar in terms of age and history of recent partner change, although a higher proportion of the self referred group had experienced previous episodes of other sexually transmitted diseases.

We wonder whether the apparent increase in HSV-1 isolates reported from several UK centres may relate in part to a greater willingness of the GPs to refer women to GUM clinics because of their heightened awareness of the need for comprehensive STD screening, counselling and education, and sexual contact management. If so, differences between clinics in both the proportion of GP referrals and the HSV-1:HSV-2 ratio amongst women with first episode genital herpes may relate as much to the acceptability of local GUM services as to real geographical differences in the epidemiology of genital herpes.

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1 Wilson P, Crooper L, Sharp I, Fink C. Apparent increase in the prevalence of herpes simplex virus type 1 genital infection among women. *Genitourin Med* 1994;70:228.

2 Barton IG, Kinghorn GR, Najem S, Al-Omar LS, Potter CW. Incidence of herpes simplex virus types 1 and 2 isolated in patients with herpes genitalis in Sheffield. *Br J Venereal Dis* 1982;58:44-7.

3 Patel R, Helsen K, Kudesia G, Kinghorn GR. Referral patterns for type 1 and type 11 genital herpes simplex infections. Spring meeting of the MSSVD, 1991 (Abstract).

NOTICE

IUVDT World STD/AIDS Congress 1995. 19-23 March 1995, Singapore

For further information contact: Communication Consultants, 336 Smith Street #06-302, New Bridge Centre, Singapore 0105. Telephone (65) 227 9811. Fax (65) 227 0257.

BOOK REVIEWS

Infection in Gynaecology. By J. Richard Smith, Valerie S. Kitchen. Churchill Livingstone. 1994. (Pp 91 £11.95) ISBN 0-434-04756-1.

This book deals with infections of the genital tract with concise, readable descriptions and excellent and appropriate illustrations (although the pictures of schistosomiasis infection of the fallopian tubes have little relevance to the text). The bias is toward sexually acquired infections and the introduction stresses the importance of taking an appropriate sexual history in a gynaecological setting. A brief outline of investigation and the basis of epidemiological treatment of STDs, is followed by a discussion of the surgical aspects of infection including antibiotic prophylaxis, postoperative sepsis, septic shock, and surgical management. The introduction also includes a guide to management of symptom complexes.

Each infection is dealt with in a succinct manner with details of aetiology, clinical features, diagnosis, treatment, and management of the partner where appropriate. The infections are arranged in alphabetical order, thus making it easy for reference although in a book of this size, subdivision into aetiological agents (that is, bacterial, fungal, viral, protozoal, and infestations) seems to make it unnecessarily complex without improving the ease of reference. The information is basic and would provide a good quick reference or aide memoire. A further appendix giving standard treatment regimes for STDs would have been useful.

Overall the book appears to fulfill its pur-

pose, raising the profile of sexually transmitted disease as an important consideration in gynaecological practice in an easily accessible format. It would probably suit both postgraduates and undergraduates looking for basic details about STDs.

SARAH EDWARDS

Lower Genital Tract Precancer—Colposcopy, Pathology and Treatment. By Albert Singer and John M. Monaghan. Oxford: Blackwell Scientific Publications. (Pp 254, £89.50). 1994. ISBN 0-86542-230-3.

"This illustrated textbook is a comprehensive guide to our current understanding of the diagnosis, assessment and management of all genital tract precancers and conditions which may mimic them." The authors' own words and an accurate description of this excellently produced tome. There are ten chapters covering 250 pages. The first chapter is the only one written by outside authors (Ralf Richart and Thomas Wright) and covers the histology of lower ano-genital tract neoplasia. Terminology is well explained and the role of human papillomavirus (HPV) briefly but succinctly covered. One would have to look to an alternative text for a more detailed account on pathogenesis and the molecular biology of HPV infection, which is not a criticism. The next four chapters focus on the diagnosis and management of cervical precancer and are really first class—a must for colposcopists in training and also deserving the attention of even the most experienced colposcopist. Intra-epithelial neoplasia of the vulva, vagina and anus are reviewed in three separate chapters and although our knowledge of these conditions continues to grow the information provided is up to date. The chapter on VIN rightly emphasises conservative management but also provides a detailed account on surgical excision and laser vaporisation, techniques possibly of less relevance to specialists in genitourinary medicine. Our current lack of knowledge regarding the natural history of AIN is unfortunately not addressed and the need for conservative management fails to gain a mention. Whilst on the negative side, genitourinary medicine clinicians may not entirely agree with all that appears in the final chapter on infective conditions which may be confused with lower genital tract precancer. This aside, and forgiving the misspelling of my name in one chapter, Albert Singer and John Monaghan are to be congratulated. They "commend it to the modern clinician, not only those in training but also those in established practice where regular updating is essential". I wholeheartedly endorse their view.

CHRIS SONNEX

CURRENT PUBLICATIONS

Selected titles from recent reports published worldwide are arranged in the following sections:

Gonorrhoea
Chlamydia
Candidiasis
Bacterial vaginosis
Syphilis and other treponematoses
Hepatitis
Herpes
Human papillomavirus infection
Cervical cytology and colposcopy
Other sexually transmitted diseases
Public health and social aspects
Microbiology and Immunology
Dermatology
Miscellaneous

Gonorrhoea

The use of nonoxynol-9 for protection against cervical gonorrhoea.

SS WEIR, PJ FELDBLUM, L ZEKENG, RE RODDY. *Am J Public Health* 1994;84:910.

Gonococcal infection of the neovagina in a male-to-female transsexual.

NJ BODSWORTH, R PRICE, SC DAVIES. *Sex Transm Dis* 1994;21:211.

Decreased susceptibility of *Neisseria gonorrhoeae* to fluoroquinolones—Ohio and Hawaii, 1992–1994.

Arch Dermatol 1994;130:835.

Efficacy of 250 mg trospectomycin sulfate i.m. vs 250 mg ceftriaxone i.m. for treatment of uncomplicated gonorrhoea.

AM ROMPALO, L COLLETTA, VA CAINE, P LINNEMEIER, T NEUMANN, EW HOOK, RB JONES. *Sex Transm Dis* 1994;21:213.

Chlamydia

Prevalence of genital chlamydia and mycoplasma infection in couples attending a male infertility clinic.

Z SAMRA, Y SOFFER, M PANSKY. *Eur J Epidemiol* 1994;10:69.

Prevalence of chlamydia antibody in pregnancy—a matched-pair study.

P OLLIARO, A REGAZZETTI, AL MARCHETTI, P LANZARINI, A SPINILLO, G GORINO. *Eur J Epidemiol* 1994;10:47.

Detection of *Chlamydia trachomatis* in fallopian tube tissue in women with postinfectious tubal infertility.

DL PATTON, M ASKIENAZYELBHAR, J HENRY-SUCHET, et al. *Am J Obstet Gynecol* 1994;171:95.

Detection of *Chlamydia trachomatis* antigen and *Toxoplasma gondii* (IgM) and *Mycoplasma hominis* (IgG) antibodies by ELISA in women with bad obstetric history.

A GOGATE, LP DEODAR, PK SHAH, P VAIDYA. *Indian J Med Res* 1994;100:19.

Enzyme immunoassay and direct immunofluorescence for detection of *Chlamydia trachomatis* antigen in male first-void urine.

MA DOMEIKA, M BASSIRI, PA MARDH. *Arch Dermato-Venereol* 1994;74:323.

Rapid detection of *Chlamydia trachomatis* in conjunctival, pharyngeal and urethral specimens with a new polymerase chain reaction assay.

HH KESSLER, K PIERER, D STUENZNER, P AUERGRUMBACH, EM HALLER, E MARTH. *Sex Transm Dis* 1994;21:191.

An evaluation of the polymerase chain reaction Amplicor *Chlamydia trachomatis* in male urine and female urogenital specimens.

A BIANCHI, C SCIEUX, N BRUNAT, et al. *Sex Transm Dis* 1994;21:196.

A 1-year evaluation of Syva Micro-Trak *Chlamydia* enzyme immunoassay with selective confirmation by direct fluorescent-antibody assay in high-volume laboratory.

EL CHAN, K BRANDT, GB HORSMAN. *J Clin Microbiol* 1994;32:2208.

***Chlamydia trachomatis* from individuals in a sexually transmitted disease core group exhibit frequent sequence variation in the major outer membrane protein (omp 1) gene.**

R BRUNHAM, CL YANG, I MACLEAN, J KIMANI, G MATTHA, F PLUMMER. *J Clin Invest* 1994;94:458.

Proliferative response to conserved epitopes of the *Chlamydia trachomatis* and human 60-kilodalton heat-shock proteins by lymphocytes from women with salpingitis.

SS WITKIN, J JEREMIAS, M TOTH, WJ LEDGER. *Am J Obstet Gynecol* 1994;171:455.

Protection against infertility in a BALB/c mouse salpingitis model by intranasal immunization with the mouse pneumonitis biovar of *Chlamydia trachomatis*.

S PAL, TJ FIELDER, EM PETERSON, LM DELAMAZA. *Infect Immun* 1994;62:3354.

Candidiasis

Frequency and significance of drug resistance in vulvovaginal candidiasis.

A SPINILLO, S NICOLA, L COLONNA, E MARANGONI, C CVANNA, G MICHELONE. *Gynecol Obstet Invest* 1994;38:130.

Structural organization of the components of the cell wall from *Candida albicans*.

J RUIZHERRERA, S MORMENEO, P VANACLOCHA, J FONTDEMORA, M IRANZO, I PUERTES, R SENTANDREU. *Microbiology* 1994;140:1513.

Activity of fluconazole: post-antifungal effect, effects of low concentrations and of pretreatment on the susceptibility of *Candida albicans* to leucocytes.

F MINGUEZ, ML CHIU, JE LIMA, R NIQUE, J PRIETO. *J Antimicrob Chemother* 1994;34:93.

Bacterial vaginosis

Effect of metronidazole in patients with preterm birth in preceding pregnancy and bacterial vaginosis: a placebo-controlled, double-blind study.

WJ MORALES, S SCHORR, J ALBRITTON. *Am J Obstet Gynecol* 1994;171:345.

Syphilis and other treponematoses

Syphilis, contagion and the place of sexuality in the late 19th-century America.

RL MARTENSEN. *JAMA* 1994;272:269.

Immunosuppression in patients with syphilis and problems of human immunodeficiency virus infection.

N TSERAIDI. *Acta Dermato-Venereol* 1994;74:317.

Binding of host-associated treponeme proteins to collagens and laminin: a possible mechanism of spirochetal adherence to host tissues.

T UMEMOTO, I NAMIKAWA. *Microbiol Immunol* 1994;38:655.

Hepatitis

The hepatitis C virus and its infection.

FEMS Microbiology Reviews 1994;14:(whole issue).

High rate of nonspecific anti-hepatitis C reactivity amongst homosexual men in comparison with that found in other sexually active groups and blood donors.

J ANDREU, MA ABAD, A SANCHEZQUIJANO, et al. *J Intern Med* 1994;236:73.

Spread of hepatitis C virus among sexual partners of HCVAb positive intravenous drug users.

C GABRIELLI, A ZANNINI, R CORRADINI, S GAFA. *J Infect* 1994;29:17.

Hepatitis C, hepatitis B and human immunodeficiency virus infections among non-intravenous drug-using patients attending clinics for sexually transmitted diseases.

DL THOMAS, RO CANNON, CN SHAPIRO, EW HOOK, MJ ALTER, TC QUINN. *J Infect Dis* 1994;169:990.

Overcoming class II-linked non-responsiveness to hepatitis B vaccine.

S HERVASSTUBBS, C BERSAIN, JJ GOLVANO, et al. *Vaccine* 1994;12:867.

Herpes

Recurrence and resistance patterns of herpes simplex virus following cessation of 6 years of chronic suppression with acyclovir.

KH FIFE, CS CRUMPACKER, GJ MERTZ, et al. *J Infect Dis* 1994;169:1338.

Isolation of herpes simplex virus from sexually transmitted disease patients in Ibadan, Nigeria.

AA ONI, FD ADU, CC EKWEZOR. *Sex Transm Dis* 1994;21:187.

Neonatal herpes simplex virus infection: pathogenesis and treatment in the guinea pig.

FJ BRAVO, MG MYERS, LR STANBERRY. *J Infect Dis* 1994;169:947.

Necrotizing funisitis and herpes simplex infection of placental and decidual tissues: study of four cases.

SA HEIFETZ, M BAUMAN. *Hum Pathol* 1994;25:715.

Cervical antibodies in patients with oral herpes simplex virus type 1 infection: local anamnestic responses after genital HSV-2 infection.

R ASHLEY, A WALD, L COREY. *J Virol* 1994;68:5284.

Direct recovery of herpes simplex virus-specific T lymphotropic clones from recurrent genital HSV-2 lesions.

DM KOELLE, H ABBO, A PECK, K ZIEGWEID, L COREY. *J Infect Dis* 1994;169:956.

Quantity of latency-associated transcript produced by herpes simplex virus is not predictive of the frequency of experimental recurrent genital herpes.

N BOURNE, LR STANBERRY, BL CONNELLY, J KURAWADWALA, SE STRAUS, PR KRAUSE. *J Infect Dis* 1994;169:1084.

Reactivation of latent herpes simplex virus from explanted dorsal root ganglia.

M ECOBRINCE, K HASSAN. *J Gen Virol* 1994;75:2017.

The interaction of glycoprotein C of herpes simplex virus types 1 and 2 with the alternative complement pathway.

SL HUNG, C PENG, I KOSTAVASILI, HM FRIEDMAN, JD LAMBRIS, RJ EISENBERG, GH COHEN. *Virology* 1994;203:299.

The herpes simplex virus regulatory protein ICP27 contributes to the decrease in cellular mRNA levels during infection.

MA HARDWICKE, RM SANDRIGOLDIN. *J Virol* 1994;68:4797.

Identification of a target protein of US3 protein kinase of herpes simplex virus type 2.

T DAIKOKU, R KURACHI, T TSURUMI, Y NISHIYAMA. *J Gen Virol* 1994;75:2065.

Human papillomavirus infection

The aetiology of vulval neoplasia.

CM RIDLEY. *Br J Obstet Gynaecol* 1994;101:655.

Molecular biology of human papillomavirus infection and oncogenesis.

EJ ANDROPHY. *J Invest Derm* 1994;103:248.

Relation between human papillomavirus type 16 and potential for progression of minor-grade cervical disease.

GP DOWNEY, PJ BAVIN, ARS DEERY, et al. *Lancet* 1994;344:432.

Cellular control of human papillomavirus oncogene transcription.

F HOPPESEYLER, K BUTZ. *Mol Carcinogen* 1994;10:134.

Vaginal micropapillary lesions are not related to human papillomavirus infection: in situ hybridization and polymerase chain reaction detection techniques.

GG GARZETTI, A CIAVATTINI, G GOTERI, et al. *Gynecol Obstet Invest* 1994;38:134.

Treatment of anal intraepithelial neoplasia.

JH SCHOLEFIELD, OA OGUNBIYI, JHF SMITH, K ROGERS, F SHARP. *Br J Surg* 1994;81:1238.

Cervical-vaginal and intraanal human papillomavirus infection of young girls with external genital warts.

LT GUTMAN, KK STCLAIRE, VD EVERETT, et al. *J Infect Dis* 1994;170:339.

A longitudinal study of human papillomavirus DNA detection in human immunodeficiency virus type 1 seropositive and seronegative women.

SD VERNON, WC REEVES, KA CLANCY, et al. *J Infect Dis* 1994;169:1108.

Serum 2'-5'-oligoadenylate synthetase levels and clinical response to interferon- β therapy in women with genital human papillomavirus infection.

S RUSCONI, A AGAROSI, L RAVASI, A TONTA, M CONTI, M GALLI. *J Infect Dis* 1994;169:1112.

Functional studies of E7 proteins from different HPV types.

F CICCOLINI, G DIPASQUALE, F CARLOTTI, L CRAWFORD, M TOMMASINO. *Oncogene* 1994;9:2633.

Human papillomavirus (HPV) type II recombinant virus-like particles induce the formation of neutralizing antibodies and detect HPV-specific antibodies in human sera.

RC ROSE, RC REICHMAN, WO BONNEZ. *J Gen Virol* 1994;75:2075.

Brief report: antibody response to E6, E7 and L1 proteins of human papillomavirus 16 in an Italian population.

A DILONARDO, MS CAMPO, A VENUTI, ML MARCANTE. *J Med Virol* 1994;43:357.

Comparison of peptide enzyme-linked immunosorbent assay and radioimmuno-precipitation assay with in vitro-translated proteins for detection of serum antibodies to human papillomavirus type 16 E6 and E7 proteins.

YP SUN, KV SHAH, M MULLER N MUNOZ, XF BOSCH, RP VISCIDI. *J Clin Microbiol* 1994;32:2216.

Human papillomavirus detection and p53 expression in clear-cell adenocarcinoma of the vagina and cervix.

SE WAGGONER, SM ANDERSON, S VANEYCK, J FULLER, MC LUCE, AL HERBST. *Obstet Gynecol* 1994;84:404.

Cells expressing HPV16 E7 continue cell cycle progression following DNA damage induced p53 activation.

WS HICKMAN, SM PICKSLEY, KH VOUSDEN. *Oncogene* 1994;9:2177.

The human papillomavirus type 16 E5 gene cooperates with the E7 gene to stimulate proliferation of primary cells and increases viral gene expression.

V BOUVARD, G MATLASHEWESKI, ZM GU, A STOREY, L BANKS. *Virology* 1994;203:73.

Transcription modulatory activity of full-length E6 and E6*1 proteins of human papillomavirus type 16.

H SHIRASAWA, MH JIN, K SHIMIZU, N AKUTSU, Y SHINO, B SIMIZU. *Virology* 1994;203:36.

Effects of human papillomavirus type-specific antisense oligonucleotides on cervical cancer cells containing papillomavirus type 16.

YF WONG, TKH CHUNG, TH CHEUNG, SK LAM, AMZ CHANG. *Med Sci Res* 1994;22:511.

E5a gene of human papillomavirus type 11 is required for initiation but not for maintenance of transformation in NIH 3T3 cells.

SL CHEN, YP TSAI, JW LEE, HS LIN, CM YANG, LT TSAO. *J Gen Virol* 1994;75:1953.

Cervical cytology and colposcopy

Characteristics of cervical intraepithelial neoplasia in women infected with the human immunodeficiency virus.

RG FRUCHTER, M MAIMAN, FH SILLMAN, L CAMILLEN, CA WEBBER, DS KIM. *Am J Obstet Gynecol* 1994;171:531.

Is there a role for cervicography in the detection of premalignant lesions of the cervix uteri?

M COIBION, P AUTIER, P VANDAM, et al. *Br J Cancer* 1994;70:125.

The Papanicolaou smear as a sentinel screening test for health screening in women.

WJ HUESTON, MA STILES. *Arch Intern Med* 1994;154:1473.

A comparison of the three most common Papanicolaou smear collection techniques.

M GERMAIN, R HEATON, D ERICKSON, M HENRY, J NASH, D OCONNOR. *Obstet Gynecol* 1994;84:168.

Management of suboptimal cytologic smears—persistent inflammatory smears.

N MCLACHLAN, JR PATWARDHAN, B AYER, NF PACEY. *Acta Cytol* 1994;38:531.

Toward objective quality assurance in cervical cytopathology—correlation of cytopathologic diagnoses with detection of high-risk human papillomavirus types.

ME SHERMAN, MH SCHIFFMANN, AT LORINCZ, et al. *Am J Clin Pathol* 1994;102:182.

Other sexually transmitted diseases

Experimental human infection with *Haemophilus ducreyi*.

SM SPINOLA, LM WILD, MA APICELLA, AA GASPARI, AA CAMPAGNARI. *J Infect Dis* 1994;169:1146.

Single dose azithromycin for the treatment of chancroid: a randomized comparison with erythromycin.

MW TYNDALL, E AGOKI, FA PLUMMER, W MALISA, JO NDINYAACHOLA, AR RONALD. *Sex Transm Dis* 1994;21:231.

A primate model for chancroid.

PA TOTTEN, WR MORTON, GH KNITTERM, AM CLARK, NB KIVIAT, WE STAMM. *J Infect Dis* 1994;169:1284.

Clear broth and plate media for culture of *Haemophilus ducreyi*.

PA TOTTEN, WE STAMM. *J Clin Microbiol* 1994;32:2019.

Public health and social aspects

Alcohol and other substance use in STD clinic patients: relationships with STDs and prevalent HIV infection.

JM ZENILMAN, EW HOOK, M SHEPHERD, P SMITH, AM ROMPALO, DD CELENTANO. *Sex Transm Dis* 1994;21:220.

Estimating the effective rate of sex partner change from individuals with sexually transmitted diseases.

MW TYNDALL, E AGOKI, FA PLUMMER, W MALISA, JO NDINYAACHOLA, AR RONALD. *Sex Transm Dis* 1994;21:226.

Impact of Thailand's HIV-control programme as indicated by the decline of sexually transmitted diseases.

RS HANENBERG, W ROJANAPITHAYAKORN, P KUNASOL, DC SOKAL. *Lancet* 1994;344:243.

Condom promotion, sexually transmitted disease treatment and declining incidence of HIV-1 infection in female Zairian sex workers.

M LAGA, M ALARY, N NZILA, *et al.* *Lancet* 1994;344:246.

Condom use by Norplant users at risk for sexually transmitted diseases.

HO HUMPHRIES, KE BAUMAN. *Sex Transm Dis* 1994;21:217.

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